

## 03050205-020

(Cattle Creek)

### General Description

Watershed 03050205-020 is located in Orangeburg and Dorchester Counties and consists primarily of **Cattle Creek** and its tributaries. The watershed occupies 42,089 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Rains-Lynchburg-Goldsboro series. The erodibility of the soil (K) averages 0.19 and the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 48.4% forested land, 26.0% agricultural land, 21.9% forested wetland (swamp), 3.2% barren land, 0.4% nonforested wetland (marsh), and 0.1% water.

Cattle Creek originates near the Town of Bowman and accepts drainage from Sandy Run, Murray Branch, Mill Branch, and Big Branch before flowing into the Edisto River. There are a total of 55.9 stream miles and 20.5 acres of lake waters in this watershed, all classified FW.

### Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-108	W/BIO/INT	FW	CATTLE CREEK AT S-18-19

**Cattle Creek (E-108)** - Aquatic life uses are fully supported based on macroinvertebrate community and physiochemical data. Recreational uses are partially supported due to fecal coliform bacteria excursions.

### NPDES Program

#### Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD)</i>	<i>NPDES# TYPE COMMENT</i>
CATTLE CREEK R. WHALEY DURR/HARTZOG PIT PIPE #: 001 FLOW: MR	SCG730091 MINOR INDUSTRIAL

### Nonpoint Source Management Program

#### Mining Activities

<i>MINING COMPANY MINE NAME</i>	<i>PERMIT # MINERAL</i>
DORCHESTER COUNTY HARTZOG PIT	0412-35 SAND; SAND/CLAY

### Growth Potential

There is a low potential for growth in this watershed.